

collected from the cubes at scheduled time intervals. These samples were tested at the NCDOT Materials and Test Unit following their standard test procedure which is a modification of ASTM C 1152. Under this procedure, samples were dried, prepared into a liquid solution, filtered, and then titrated. After calculations were performed using the titration data, the chloride content of each sample could be determined. Figures 3.26, 3.27, 3.28, and 3.29 show the various steps in the chloride analysis procedure.



Figure 3.26 – Cubes and Powder Ready for Chloride Analysis Testing

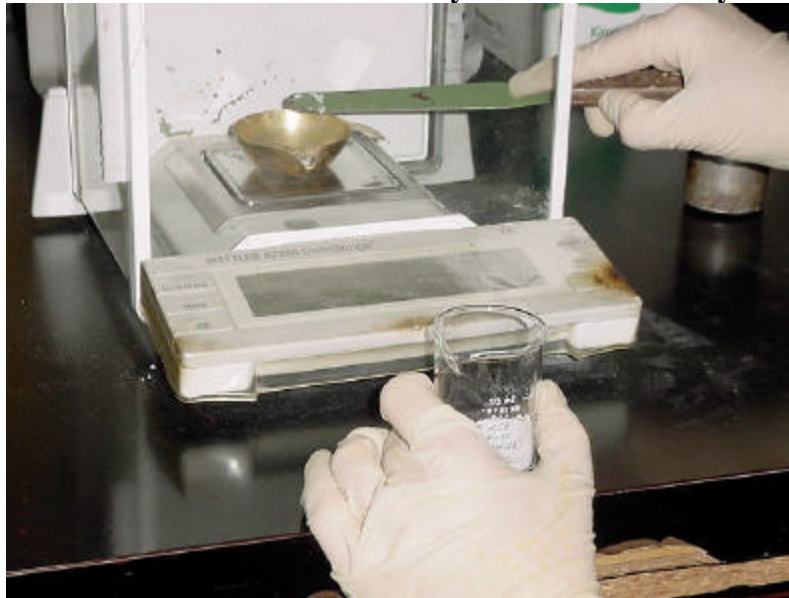


Figure 3.27 – Weighing the Dried Powder Samples